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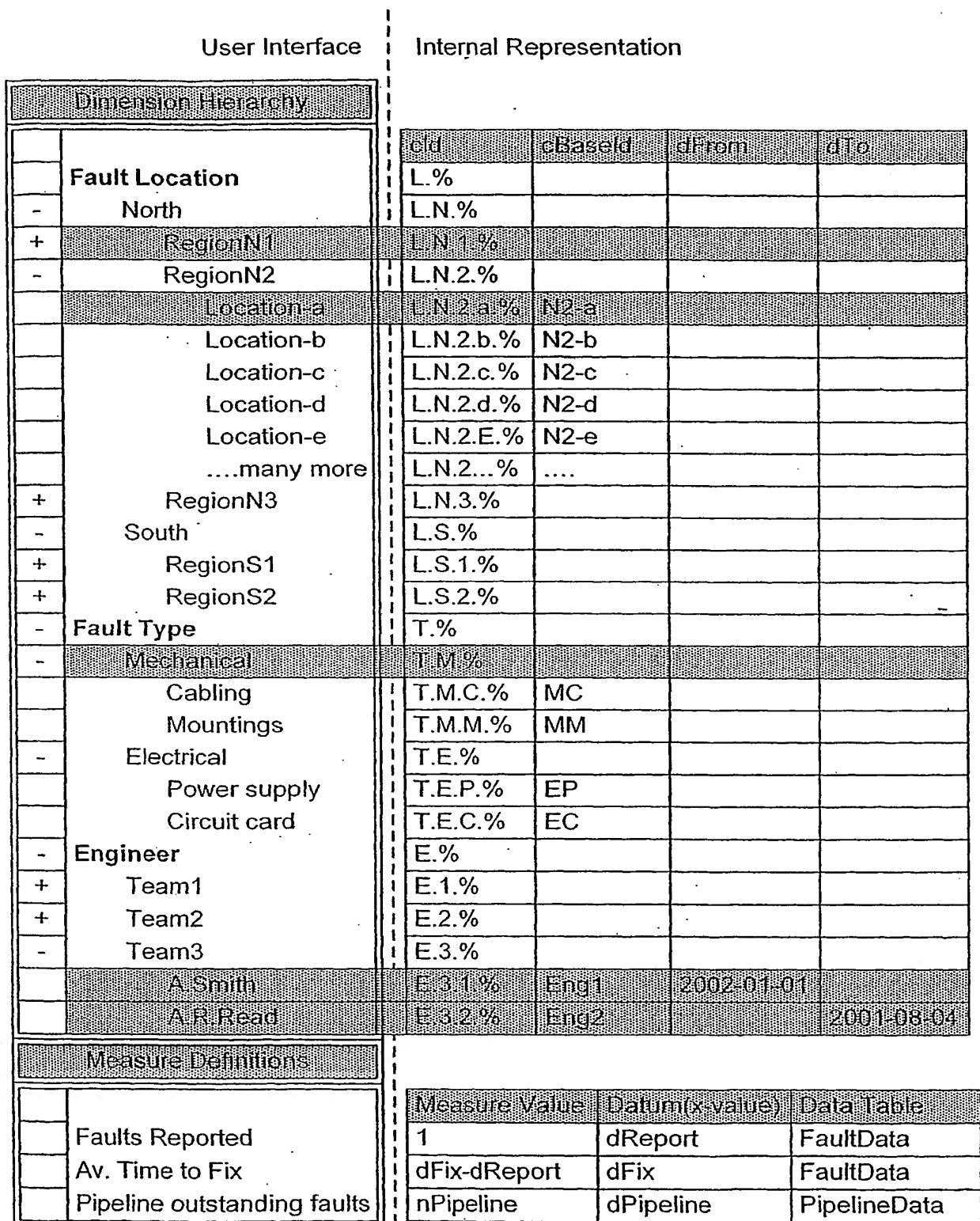


FIG. 1

FaultData

| Column Name | Data Type     | Indexed | Notes   |
|-------------|---------------|---------|---|
| cFaultId    | varchar (255) | Y       | Primary Key                                   |
| dReport     | Datetime      | N       | Date on which fault reported                  |
| dFix        | Datetime      | N       | Date on which fault fixed (NULL if not fixed) |
| cLocId      | varchar (255) | Y       | Location of fault                             |
| cEngId      | varchar (255) | Y       | Engineer assigned to fault                    |
| cTypeId     | varchar (255) | Y       | Type of fault                                 |

PipelineData

| Column Name | Data Type     | Indexed | Notes   |
|-------------|---------------|---------|---|
| dPipeline   | Datetime      | Y       | Snapshot date                                   |
| nPipeline   | number        | N       | Num of faults in pipeline for this loc and type |
| cLocationId | varchar (255) | N       | Location of fault                               |
| cTypeId     | varchar (255) | Y       | Type of fault                                   |

FIG. 2

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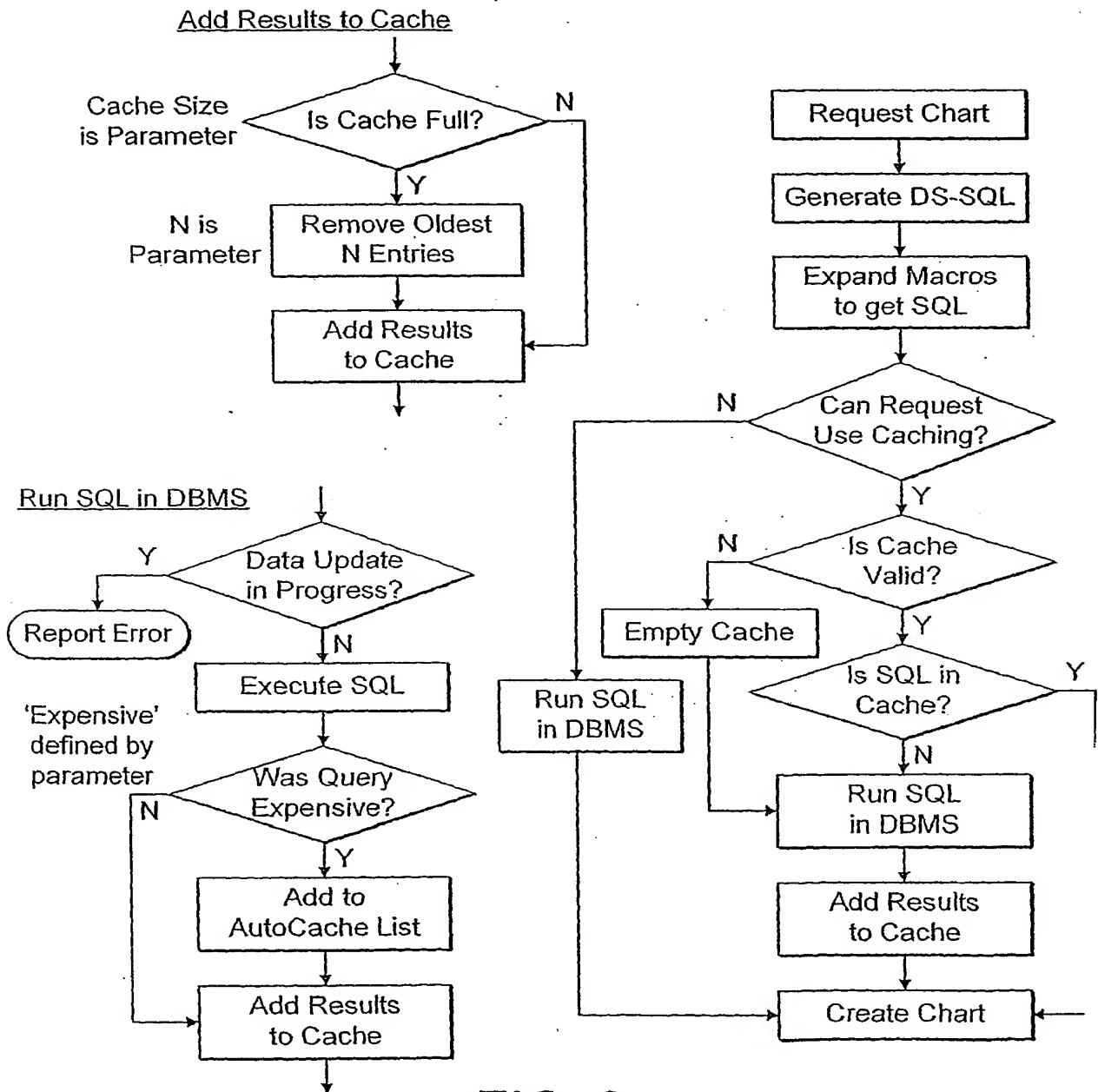


FIG. 3

